AMENDMENTS TO THE SPECIFICATION

Please replace the section heading appearing at page 1, after the title with the following new section heading:

~~DESCRIPTION REPORT~~ --BACKGROUND OF THE INVENTION --

Please replace the first complete paragraph on page 1 with the following rewritten paragraph:

The present invention ~~refers~~ relates to an accelerated process for petrifaction of wood and other lignocellulose material in one step that bestows a great resistance with respect to fungi, insects and other organisms as well as providing a characteristic of difficult inflammability and superior physicomechanical properties, without necessarily altering its natural appearance.

Please replace the section heading appearing at page 1, after the first complete paragraph with the following new section heading:

~~Background Information on the Invention~~-- Description of the Related Art --

Please replace the section heading appearing at page 3, before the first complete paragraph with the following new section heading:

~~Description of the Invention~~ -- SUMMARY OF THE INVENTION --

Please remove the section heading and claims 1-19 appearing on pages 4, 5 and 6 and replace the section heading and claims 1-19 on new pages 13, 14 and 15.

Please replace the section heading appearing at page 7, before the first complete paragraph with the following new section heading:

~~SUMMARY~~ --DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS --

Please replace the first complete paragraph on page 7, with the following rewritten paragraph:

-- ~~A fast ¿(Accelerated)?~~ An accelerated petrifaction process for lignocellulose materials, and especially for low density wood for construction, housing, industrial, decorative, agricultural as well as other uses like: the fabrication of paneling, windows, doors, floors, posts, beams, poles, furniture, terraces, bridges, machine parts and many others for interior and exterior use, and even in contact with soil and water, is produced through an impregnation with an alkaline hydroxide

solution and a water soluble silicate, alternatively including soluble salts of a metaborate, and its insolublization in situ due to the action of acidic organic groups liberated by the components of the lignocellulose material due to the conditions characteristic of the process and the presence of carbon dioxide in the surrounding air. --

Please delete the following section heading appearing on page 7:

~~LITERATURE~~

~~Insertar la bibliografía~~

Please delete the following section heading appearing on page 7:

~~EXPERIMENTAL EXAMPLES~~